

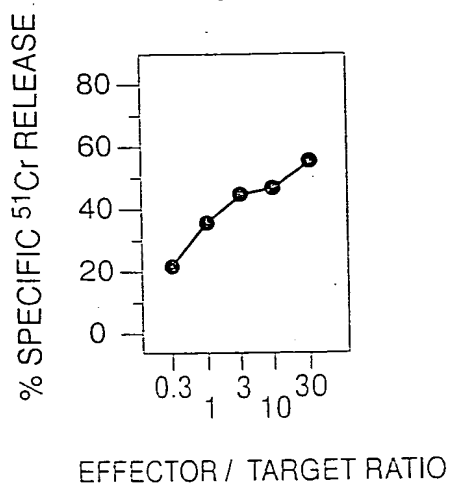
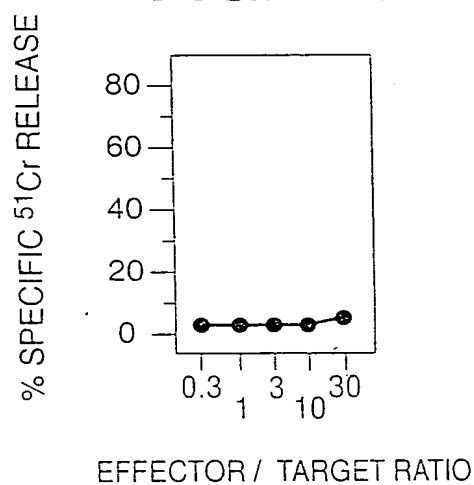
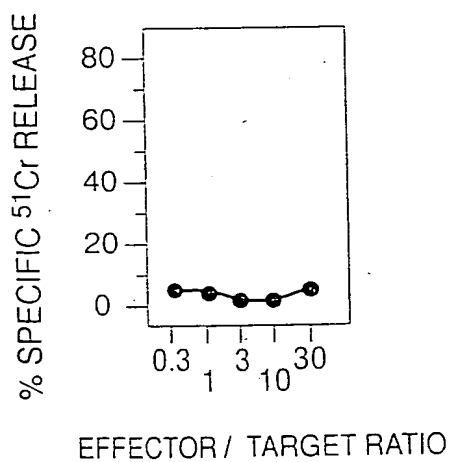
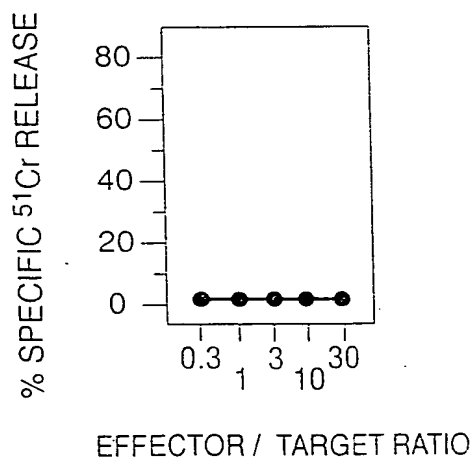
**FIG. 1A****FIG. 1B****FIG. 1C****FIG. 1D**

FIG. 2

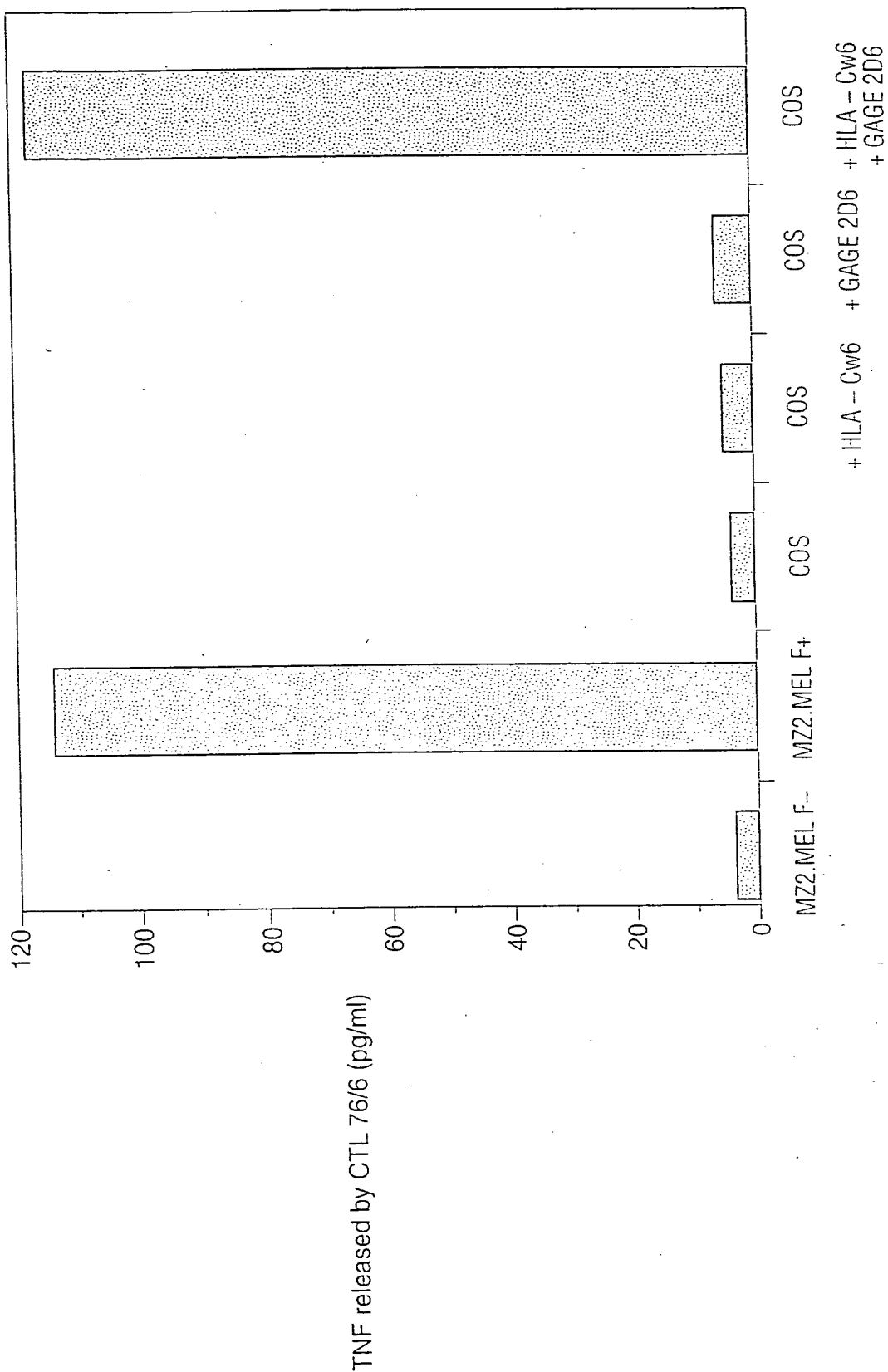




FIG.3

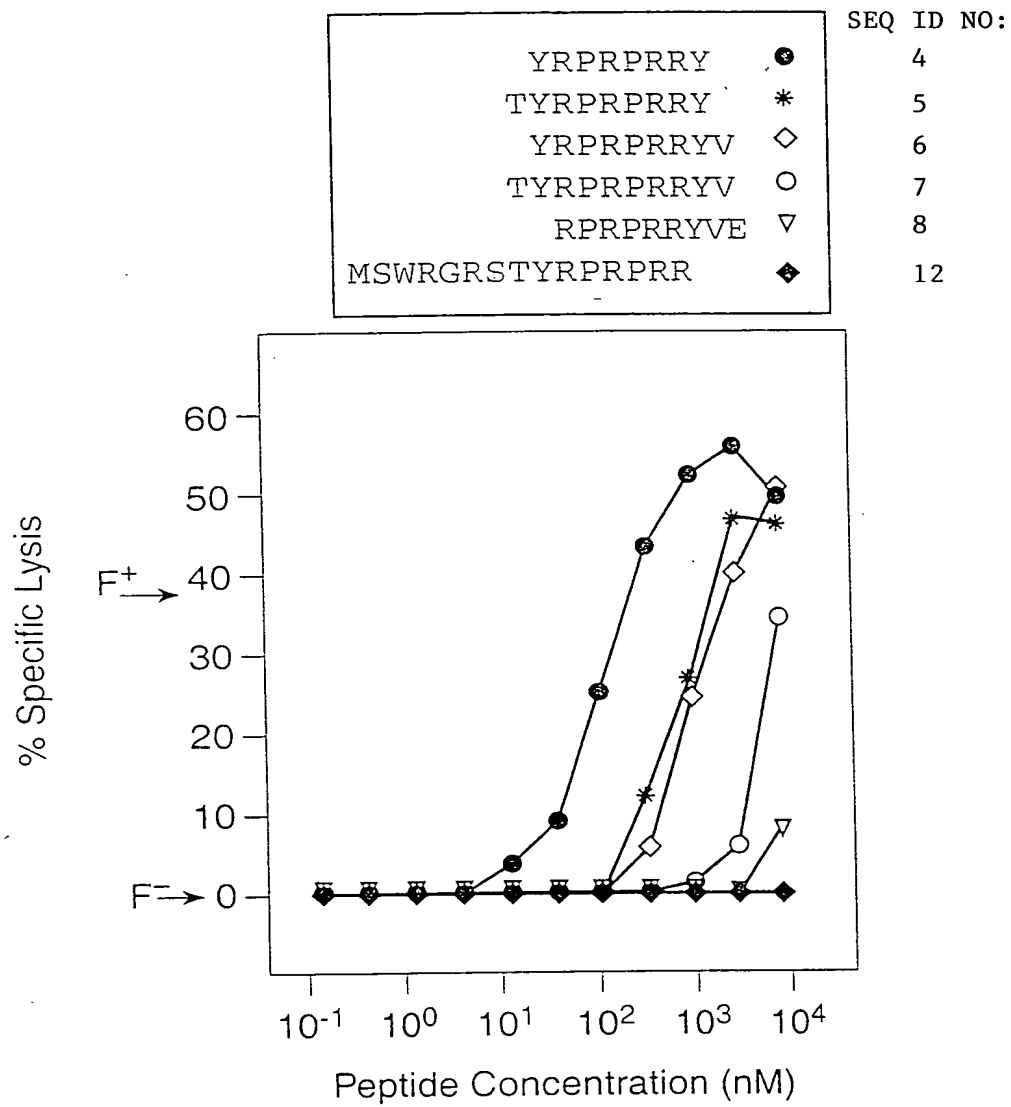


FIG. 4A

[illegible]

nt of 01 GAGE-1
nt of 14 GAGE-2
nt of 15 GAGE-3
nt of 16 GAGE-4
nt of 17 GAGE-5
nt of 18 GAGE-6

TCTGTGTGAAATATCAGTTGGCGAGGAAGA
TCTGTGTGAAATATCAGTTGGCGAGGAAGA
TTCACACAGATGATCTCAGTAGAGGAAGA
TCTGTGTGAAATATCAGTTGGCGAGGAAGA
TCTGTGTGAAATATCAGTTGGCGAGGAAGA
TCTGTGTGAAATATCAGTTGGCGAGGAAGA

TCGACCC
TCGACCC
TCGACCC
TCGACCC
TCGACCC
TCGACCC

---TATC
---TATC
TATTATT
TATTATT
TATTATT
TATTATT

GGCCCTAGACCAAGACCG
GGCCCTAGACCAAGACCG
GGCCCTAGACCAAGACCG
GGCCCTAGACCAAGACCG
GGCCCTAGACCAAGACCG
GGCCCTAGACCAAGACCG

TACGTAC
TACGTAC
TATGTAC
TATGTAC
TATGTAC
TATGTAC

GAGCCTCCTCGAAGATGATTGGGCCCT
GAGCCTCCTCGAAGATGATTGGGCCCT
GAGCCTCCTCGAAGATGATTGGGCCCT
GAGCCTCCTCGAAGATGATTGGGCCCT
GAGCCTCCTCGAAGATGATTGGGCCCT
GAGCCTCCTCGAAGATGATTGGGCCCT

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1
1
1

VDE 44

	VDE 43	
ent of 01 GAGE-1	ATGCGGCCGAGCAGTTCAGTGATGAAGTG	GAACCAAGCAACACCTGAAGAAAGGGGAACCA
ent of 14 GAGE-2	ATGCGGCCGAGCAGTTCAGTGATGAAGTG	GAACCAAGCAACACCTGAAGAAAGGGGAACCA
ent of 15 GAGE-3	ATGCGGCCGAGCAGTTCAGTGATGAAGTG	GAACCAAGCAACACCTGAAGAAAGGGGAACCA
ent of 16 GAGE-4	ATGCGGCCGAGCAGTTCAGTGATGAAGTG	GAACCAAGCAACACCTGAAGAAAGGGGAACCA
ent of 17 GAGE-5	ATGCGGCCGAGCAGTTCAGTGATGAAGTG	GAACCAAGCAACACCTGAAGAAAGGGGAACCA
ent of 18 GAGE-6	ATGCGGCCGAGCAGTTCAGTGATGAAGTG	GAACCAAGCAACACCTGAAGAAAGGGGAACCA

nt of 01 GAGE-1	CAGGAGGGAGAGGATGAGGGAGCATCTGCA	GGTCAAGGGCCGGAAGCCTGAAGCTGATAGC	CAGGAACAGGGTCACCCACAGACTGGGTGT
nt of 14 GAGE-2	CAGGAGGGAGAGGATGAGGGAGCATCTGCA	GGTCAAGGGCCGGAAGCCTGAAGCTGATAGC	CAGGAACAGGGTCACCCACAGACTGGGTGT
nt of 15 GAGE-3	CAGGAGGGAGAGGATGAGGGAGCATCTGCA	GGTCAAGGGCCGGAAGCCTGAAGCTGATAGC	CAGGAACAGGGTCACCCACAGACTGGGTGT
nt of 16 GAGE-4	CAGGAGGGAGAGGATGAGGGAGCATCTGCA	GGTCAAGGGCCGGAAGCCTGAAGCTGATAGC	CAGGAACAGGGTCACCCACAGACTGGGTGT
nt of 17 GAGE-5	CAGGAGGGAGAGGATGAGGGAGCATCTGCA	GGTCAAGGGCCGGAAGCCTGAAGCTGATAGC	CAGGAACAGGGTCACCCACAGACTGGGTGT
nt of 18 GAGE-6	CAGGAGGGAGAGGATGAGGGAGCATCTGCA	GGTCAAGGGCCGGAAGCCTGAAGCTGATAGC	CAGGAACAGGGTCACCCACAGACTGGGTGT



FIG. 4B

VDE 24

nt of 01 GAGE-1	GAGTGTGAAGATGGTCCCTGATGGGCAGGAG	ATGGACCCCGCCAAAATCCAGAGGAGGTGAAA	ACGCCTGAAGAAG	GAGATGAGGTCTCACTAT	3
nt of 14 GAGE-2	GAGTGTGAAGATGGTCCCTGATGGGCAGGAG	ATGGACCCCGCCAAAATCCAGAGGAGGTGAAA	ACGCCTGAAGAAG	-----	4
nt of 15 GAGE-3	GAGTGTGAAGATGGTCCCTGATGGGCAGGAG	ATGGACCCCGCCAAAATCCAGAGGAGGTGAAA	ACGCCTGAAGAAG	-----	4
nt of 16 GAGE-4	GAGTGTGAAGATGGTCCCTGATGGGCAGGAG	ATGGACCCCGCCAAAATCCAGAGGAGGTGAAA	ACGCCTGAAGAAG	-----	4
nt of 17 GAGE-5	GAGTGTGAAGATGGTCCCTGATGGGCAGGAG	ATGGACCCCGCCAAAATCCAGAGGAGGTGAAA	ACGCCTGAAGAAG	-----	4
nt of 18 GAGE-6	GAGTGTGAAGATGGTCCCTGATGGGCAGGAG	ATGGACCCCGCCAAAATCCAGAGGAGGTGAAA	ACGCCTGAAGAAG	-----	4
nt of 01 GAGE-1	GTGGCCAGACTGGGATTCCTGGCTTTTA	ATGAACAAATTGCTTCTTAAATCTTTCCCCA	CGGAAACCTTGAGTGTGACTGAAAATATCAAAAT	-----	4
nt of 14 GAGE-2	-----	-----	-----	-----	4
nt of 15 GAGE-3	-----	-----	-----	-----	4
nt of 16 GAGE-4	-----	-----	-----	-----	4
nt of 17 GAGE-5	-----	-----	-----	-----	4
nt of 18 GAGE-6	-----	-----	-----	-----	4
nt of 01 GAGE-1	GGCGAGAGACCGTTTAGTTCCCTATCATCTG	TGGCAITGTGAAGGGCAATCACAGTGTATAA	AGAAGACATGCTGAAAATG	TTGCAGGCTGCT	5
nt of 14 GAGE-2	-----	GTGAAAAGCAATCACAGTGTATAA	AGAAGACATGCTGAAAATG	TTGCAGGCTGCT	4
nt of 15 GAGE-3	-----	GTGAAAAGCAATCACAGTGTATAA	AGAAGACATGCTGAAAATG	TTGCAGGCTGCT	4
nt of 16 GAGE-4	-----	GTGAAAAGCAATCACAGTGTATAA	AGAAGACATGCTGAAAATG	TTGCAGGCTGCT	4
nt of 17 GAGE-5	-----	GTGAAAAGCAATCACAGTGTATAA	AGAAGACATGCTGAAAATG	TTGCAGGCTGCT	4
nt of 18 GAGE-6	-----	GTGAAAAGCAATCACAGTGTATAA	AGAAGACATGCTGAAAATG	TTGCAGGCTGCT	4
nt of 01 GAGE-1	CCATATGTTGGAAAATTTCTTCATTTGAAGTTTC	TCCCAATAAAGCTTTACAGCCTTCTGCAAA	GAAAAA	-----	6
nt of 14 GAGE-2	CCATATGTTGGAAAATTTCTTCATTTGAAGTTTC	TCCCAATAAAGCTTTACAGCCTTCTGCAAA	GAAAAA	-----	5
nt of 15 GAGE-3	CCATATGTTGGAAAATTTCTTCATTTGAAGTTTC	TCCCAATAAAGCTTTACAGCCTTCTGCAAA	GAAAAA	-----	5
nt of 16 GAGE-4	CCATATGTTGGAAAATTTCTTCATTTGAAGTTTC	TCCCAATAAAGCTTTACAGCCTTCTGCAAA	AAAAA	-----	5
nt of 17 GAGE-5	CCATATGTTGGAAAATTTCTTCATTTGAAGTTTC	TCCCAATAAAGCTTTACAGCCTTCTGCAAA	GAAAAA	-----	5
nt of 18 GAGE-6	CCATATGTTGGAAAATTTCTTCATTTGAAGTTTC	TCCCAATAAAGCTTTACAGCCTTCTGCAAA	AAAAA	-----	5

FIG. 5

Antigenic
Peptide

SEQ ID NO:

26 GAGE-1
27 GAGE-2
28 GAGE-3
29 GAGE-4
30 GAGE-5
31 GAGE-6

MS-WRGRST	YRPRRRYV	EPPEMI	GPMRPEQFSDEVEPATPEEGEPATQ	RQDPAAAQEGEDEGASAGQGPKEA
MS-WRGRST	YRPRRRYV	EPPEMI	GPMRPEQFSDEVEPATPEEGEPATQ	RQDPAAAQEGEDEGASAGQGPKEA
MS-WRGRST	YRPRRRYV	EPPEMI	GPMRPEQFSDEVEPATPEEGEPATQ	RQDPAAAQEGEDEGASAGQGPKEA
MS-WRGRST	YRPRRRYV	EPPEMI	GPMRPEQFSDEVEPATPEEGEPATQ	RQDPAAAQEGEDEGASAGQGPKEA
MS-WRGRST	YRPRRRYV	EPPEMI	GPMRPEQFSDEVEPATPEEGEPATQ	RQDPAAAQEGEDEGASAGQGPKEA
MS-WRGRST	YRPRRRYV	EPPEMI	GPMRPEQFSDEVEPATPEEGEPATQ	RQDPAAAQEGEDEGASAGQGPKEA

7
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7
7
7
7

nt of 26GAGE-1
nt of 27GAGE-2
nt of 28GAGE-3
nt of 29GAGE-4
nt of 30GAGE-5
nt of 31GAGE-6

DSQEQGHPQTGCECEDGPDGQEMDP	PNPEEVKTPEE	EMRSHYVAQTGILW	LLMNNCFLMLSPRKP
HSQEQGHPQTGCECEDGPDGQEMDP	PNPEEVKTPEE	GEKQSQC	---
DSQEQGHPQTGCECEDGPDGQEMDP	PNPEEVKTPEE	GEKQSQC	---
DSQEQGHPQTGCECEDGPDGQEMDP	PNPEEVKTPEE	GEKQSQC	---
DSQEQGHPQTGCECEDGPDGQEMDP	PNPEEVKTPEE	GEKQSQC	---
DSQEQGHPQTGCECEDGPDGQEMDP	PNPEEVKTPEE	GEKQSQC	---

13
11
11
11
11
11

FIG. 6

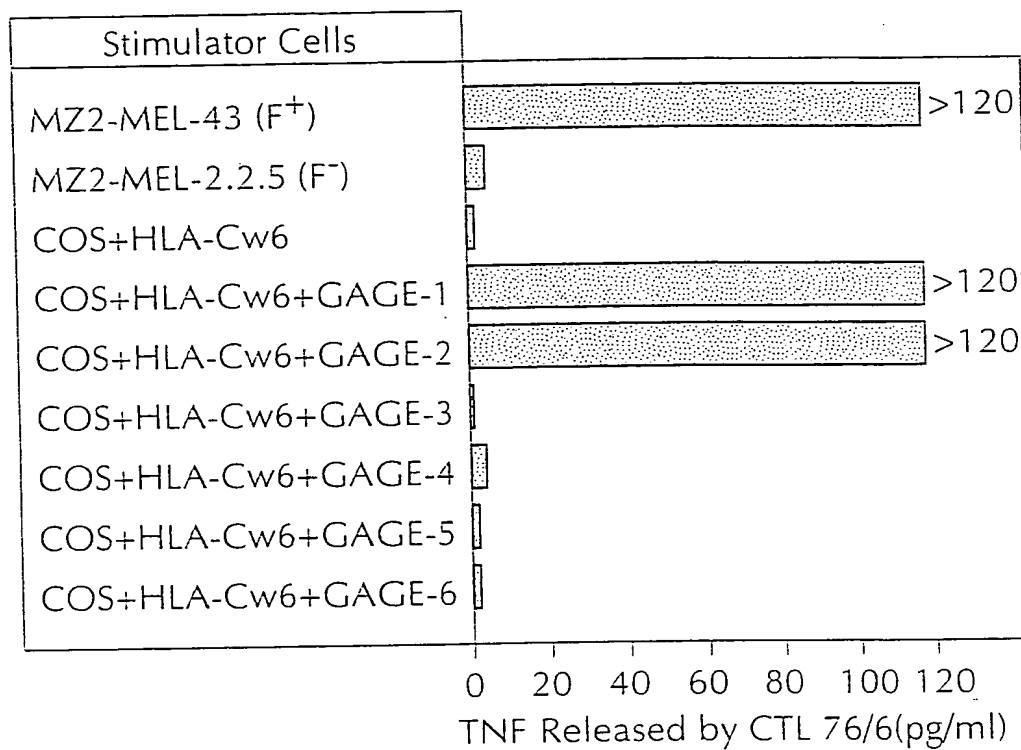


FIG. 8

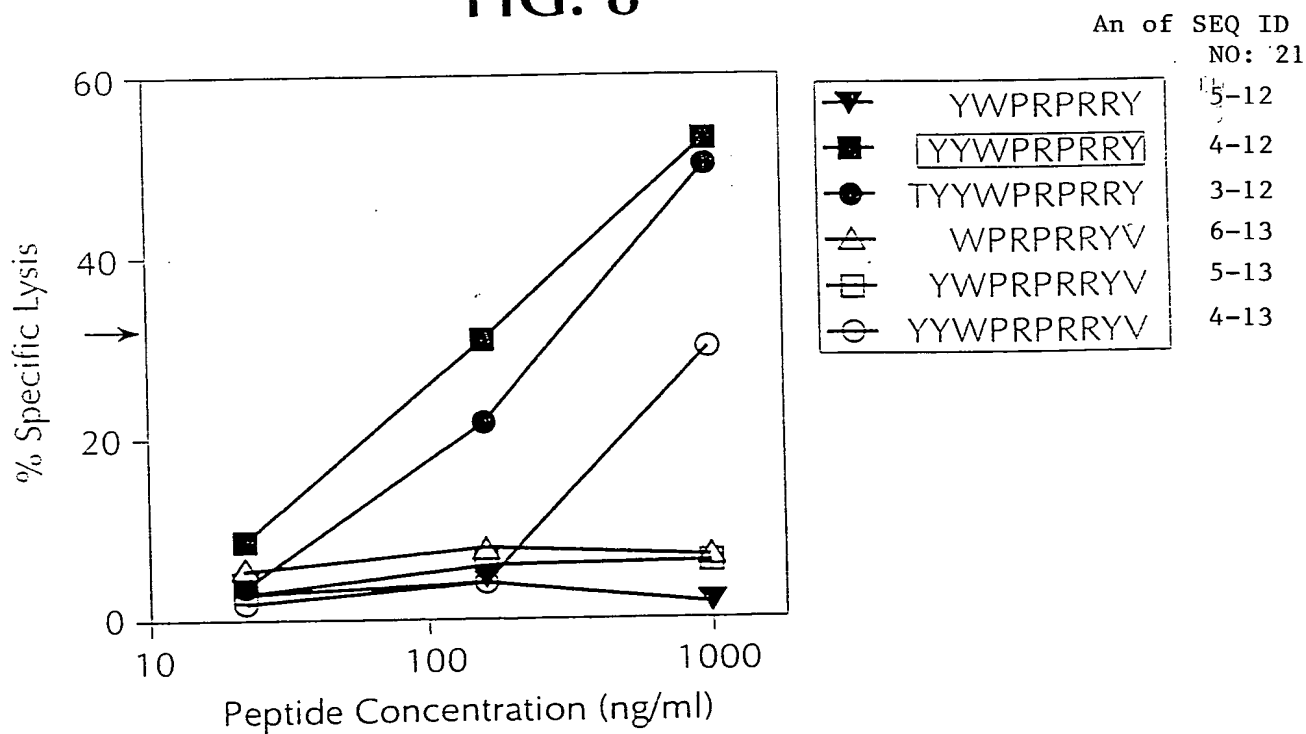




FIG. 7

